

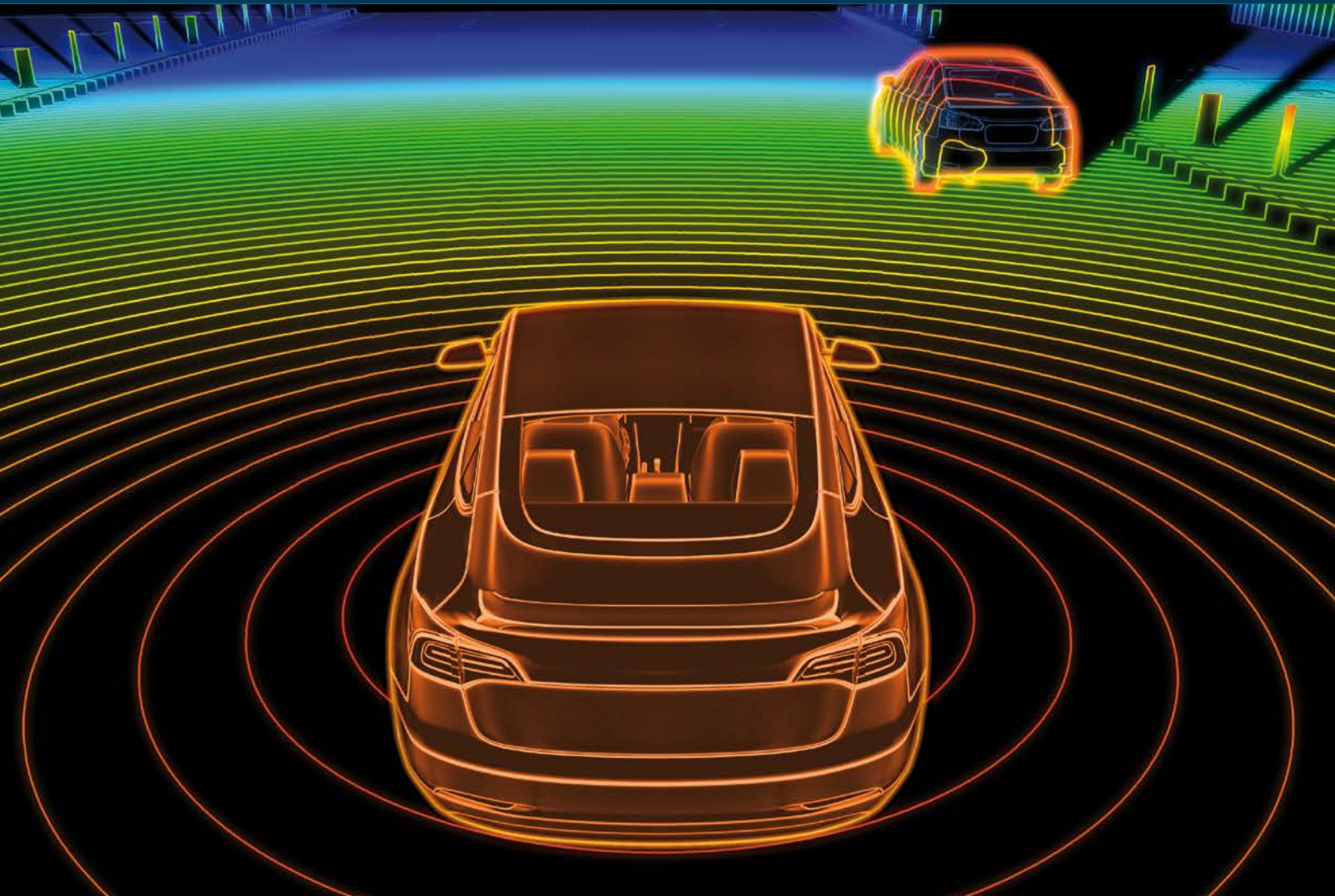
02-03  
DEC.  
2019  
FRANKFURT

  
DrivingVisionNews.com  
Automotive lighting and driver assistance technologies

# 2<sup>nd</sup> DVN CONFERENCE AUTOMOTIVE LIDAR

“APPLICATIONS, INTEGRATION, TESTING AND RELEASE”

- THE DORINT HOTEL MAIN-TAUNUS CENTER, FRANKFURT-SULZBACH -

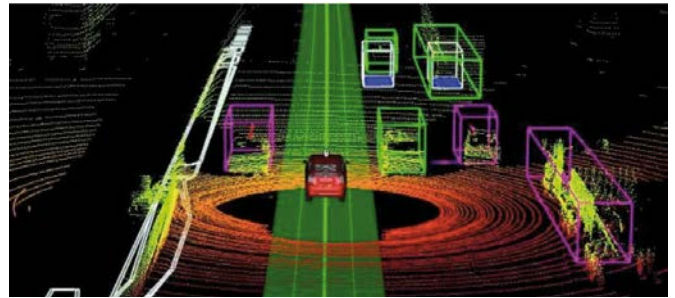


**This second DVN conference on lidar will take place at the Dorint Hotel Main-Taunus Center, Frankfurt-Sulzbach on December 2<sup>nd</sup> and 3<sup>rd</sup>, 2019, with exhibitors pitches and a welcome dinner on December 2<sup>nd</sup>.**

## THE EVENT OF THE YEAR IN AUTOMOTIVE LIDAR

With one more year maturing time of automotive lidar in ADAS and Autonomous Driving fields, this conference will cover lidar applications, technology, integration, testing and release. It'll take place on December 2<sup>nd</sup> and 3<sup>rd</sup> in Frankfurt, with a social cocktail and welcome dinner on the first evening. Our intent with this conference, is to facilitate reciprocal access, communication, and business opportunities for stakeholders in lidar and vehicle industry, and to continue building a new ecosystem for lidar and automotive integration.

This event will gather over 200 top worldwide experts in automotive lidar and lighting. Lectures are expected to express the different views about Lidar Applications and Integration from automakers including Audi/VW, Volvo, lidar suppliers Aeye, Blickfeld, Cepton, Continental, Fraunhofer, Ibeo, Jenoptik, Leddartech, Osram, Ouster, Valeo lidar, Velodyne lidar, Xenomatix; from lighting tier-1s including AL, Koito, Valeo, and ZKW; and a variety of tier-2 suppliers involved in automotive lidar integration



like GXC Coatings, Ansys-Optis, Mentor Graphics, Synopsys, and Yole Developpement.

There will be two panel discussions about:

- How fast will Automotive lidar be adopted?
- Will lidar impact Automotive Lighting?

And 15 expo booths will present the newest innovative lidar-based automotive technologies and their integration process into cars.

## RATES

### Registration online at:

<https://www.drivingvisionnews.com/lidar-conference>

Entree fee for conference, Lunch and Welcome dinner:  
**950 Euros / Person** (including for DVN members)

### For detailed information on exhibition booths opportunities, please contact:

Salomon Berner  
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Mob: +33 607640502

## ROOM BOOKING DORINT HOTEL MAIN-TAUNUS CENTER, FRANKFURT-SULZBACH

### Contact

#### Dorint Hotel-Frankfurt-Sulzbach

Reservations: tel + 49 6196 7630

Negotiated group price: Euros 99,00

Single room, including breakfast

# AGENDA 2<sup>ND</sup> DVN CONFERENCE ON AUTOMOTIVE LIDAR

## DAY 1 MONDAY DECEMBER 2

- 12.00      **Registration and light welcome lunch**
- 13.30      **Opening of conference**, H. Fratty DVN CEO  
**Key note speech 1:** Mr. Mircea Gradu, Ph.D., Senior Vice President of Product and Quality at Velodyne Lidar, Officer of SAE International and the 2018 President and Chairman of the Board - "Highly Innovative, Safety Focused ADAS Lidar Solutions and Opportunities for Standardizing their Features and Validation"
- ▶ 14.00-15.30      **SESSION 1 • AUTOMOTIVE LIDAR APPLICATIONS**  
Chairman **L. Metzemaekers**
- Valeo** Dr. Hassan Moussa, head of Global R&D lidar  
"Valeo SCALA® – The story of the world's only automotive grade 3D lidar"
- Continental** Heiko Leppin, Senior Expert: High resolution lidar sensors  
"Lidar product development at Continental"
- Blickfeld** Florian Petit, CEO  
"Achieving Production Vehicle Implementation: lidar mass production at Blickfeld"
- Cepton** T.R. Ramachandran, President of Marketing  
"Lidar Optimization for Automotive Applications"
- Session 1-Q&A**
- 15.30-16.00      COFFEE BREAK
- ▶ 16.00-17.00      **SESSION 2 • AUTOMOTIVE LIDAR TECHNOLOGY PART 1**  
Chairman **Ralf Schaefer**
- Ouster** Cyrille Jacquemet, GM Europe  
"Automated Vehicles and Lidar: What's Real, What's Not, and Where We're Going"
- AEYE** Ove Salomonsson, Sr. Director, LiDAR Product Architect  
"Lidar: Intelligent sensing at scale"
- Fraunhofer** IMS Dr. Jennifer Ruskowski, Head of 3D sensing  
"Using SPAD Detectors for Solid-State lidar"
- Session 2-Q&A**
- 17.00-17.30      BREAK
- 17.30-18.45      **Social cocktail**
- 19.00      **Welcome dinner**

## DAY 2 TUESDAY DECEMBER 3

- 07.30      LIGHT BREAKFAST
- 08.00      **Opening by chairman Session 3**  
**Key note speech 2:** Pierrick Boulay, SSL & ADAS Systems BU Manager, Yole Developpement.  
"Evolution of the lidar industry towards driving automation"
- ▶ 08.30-09.45      **SESSION 3 • AUTOMOTIVE LIDAR TECHNOLOGY PART 2**  
Chairman **Heiko Leppin**
- LETI** Dr. Francois Simoens, Executive Strategic Program Manager  
"Future trends in lidar technology, toward miniaturized Solid State LIDAR using the convergence between Silicon Photonics & Electronics"
- Innoviz** Elad Hofstetter, Program Manager  
"The challenges of integrating new technologies in the automotive industry"
- IBEO** Mario Brumm, COO  
"Solid state lidar technology: a response to current challenges in Autonomous Driving"
- Osram** Stefan Mergl, Application Engineering  
"Overview and trends of the different emitter types"
- Session 3-Q&A**

# AGENDA 2<sup>ND</sup> DVN CONFERENCE ON AUTOMOTIVE LIDAR

## DAY 2 TUESDAY DECEMBER 3

09.45-10.15 COFFEE BREAK

▶ 10.15-11.30 **SESSION 4 • LIDAR OPTICS AND CLEANING**  
**Chairman Wolfgang Huhn**

**Jenoptik** Dr. Hagen Schweitzer, Senior Manager Optical Design  
"Freeform optical technologies for lidar applications"

**Faunhofer** IPT Tobias Mueller, Manager Business Unit Optics  
"Production technology for LIDAR Systems: Optics manufacturing and Assembly"

**GXC coating** Florian Wigo Haacke, Chairman  
"Protecting LIDAR covers with functional transparent wet coatings – hardcoat, easy-to- clean, anti-fogging, AR"

**Xenomatrix** Filip Geuens, CEO  
"Impact of contamination on integrated lidar"

**Koito** Shigeo Nagamura, General Manager Electronic Development Department  
"Sensor cleaning system"

**Session 4- Q&A**

11.30-12.00 COFFEE BREAK

▶ 12.00-13.00 **SESSION 5 • LIDAR TESTING**  
**Chairman Paul-Henri Matha**

**Liangdao** Ms. Jiaxin Sun, Testing & Validation Engineer, LiangDao Intelligent Automotive Technology  
"Validation as a service for L3/L4 Perception System"

**Vedecom** Giles Le Calvez, Vehicle Program Director  
"Lidar test under practical road conditions"

**Aachen University** Dr. Adrian Zlocki, Head of Autonomous Driving  
"Lidar Test Methods for Automated Driving - Past, Present and Future"

**Session 5: Q&A**

13.00-14.15

LUNCH

▶ 14.15-15.30

**SESSION 6 • AUTOMOTIVE LIDAR AND LIGHTING INTEGRATION**  
**Chairman Hector Fratty**

**Audi** Wolfgang Huhn, General manager Lighting & Vision  
"Chances and Risks for the integration of sensors into lamps"

**Volvo** Paul Henri Matha, Technical Leader Exterior Lighting  
"Lidar and technical constraints for OEM"

**ZKW** Ralf Klaedtke, CTO  
"ZKW Project Dragonfly – 360 degree multiple sensor & digital lighting fusion"

**Marelli Automotive Lighting** Johannes Brill, Innovation Manager  
"The three most important facts avoiding today lidar integration into headlamps"

▶ 15.30-16.30

**Session 6-Q&A**

**SESSION 7 • DISCUSSION PANELS**

Panel n° 1: **How fast will Automotive lidar be adopted?**

Moderator: Leo Metzemaekers

Panel n° 2: **Will lidar impact Automotive Lighting?**

Moderator: Ralf Schaefer

16.30

**Closure** H. Fratty